

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	220711254202
First Inventor	Priyadarsan Patra et al.
Title	NOISE AND POWER OPTIMIZATION IN HIGH PERFORMANCE CIRCUITS
Express Mail Label No.	23838

26388 J. S. PTO
10/665521
09/22/03

APPLICATION ELEMENTS

See MPEP chapter, 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 24]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Sheets 3]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

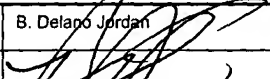
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09 / 964,803
Prior application information: Examiner Annette M. Thompson Art Unit: 2825

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number 23838 OR ☐ Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	B. Delano Jordan	Registration No. (Attorney/Agent)	43,698
Signature		Date	September 22, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2002</h3> <p style="margin: 10px 0 0 40px;"><i>Patent fees are subject to annual revision.</i></p>		Complete if Known		
		Application Number	TO BE ASSIGNED	
		Filing Date	HEREWITH	
		First Named Inventor	Priyadarsan Patra et al.	
		Examiner Name	Unassigned	
		Group / Art Unit	2825 (Anticipated)	
TOTAL AMOUNT OF PAYMENT (\$)		750	Attorney Docket No.	2207/1254202

<p>METHOD OF PAYMENT (check one)</p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 11-0600</p> <p>Deposit Account Name: KENYON & KENYON</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <hr/> <p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity (\$)</th> <th>Small Fee Code</th> <th>Entity (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td>750</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$ 750)</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>19</td> <td>-20 **</td> <td></td> <td>0</td> <td>18</td> <td>0</td> </tr> <tr> <td>3</td> <td>-3 **</td> <td></td> <td>0</td> <td>84</td> <td>0</td> </tr> <tr> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity (\$)</th> <th>Small Fee Code</th> <th>Entity (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>84</td> <td>209</td> <td>42</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$ 0)</td> </tr> </tbody> </table> <p style="font-size: small;">**or number previously paid, if greater; For Reissues, see above</p>	Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee	750	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					(\$ 750)	Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid	19	-20 **		0	18	0	3	-3 **		0	84	0	0					0	Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	84	202	42	Independent claims in excess of 3		104	280	204	140	Multiple dependent claim, if not paid		109	84	209	42	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$ 0)	<p>3. ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity (\$)</th> <th>Small Fee Code</th> <th>Entity (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify)</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$ 0)</td> </tr> </tbody> </table> <p style="font-size: small;">*Reduced by Basic Filing Fee Paid</p>	Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17 (q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify)						SUBTOTAL (3)					(\$ 0)
Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																		
101	740	201	370	Utility filing fee	750																																																																																																																																																																																																																																																																																																		
106	330	206	165	Design filing fee																																																																																																																																																																																																																																																																																																			
107	510	207	255	Plant filing fee																																																																																																																																																																																																																																																																																																			
108	740	208	370	Reissue filing fee																																																																																																																																																																																																																																																																																																			
114	160	214	80	Provisional filing fee																																																																																																																																																																																																																																																																																																			
SUBTOTAL (1)					(\$ 750)																																																																																																																																																																																																																																																																																																		
Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																																		
19	-20 **		0	18	0																																																																																																																																																																																																																																																																																																		
3	-3 **		0	84	0																																																																																																																																																																																																																																																																																																		
0					0																																																																																																																																																																																																																																																																																																		
Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																		
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																			
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																			
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																																			
109	84	209	42	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																			
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																			
SUBTOTAL (2)					(\$ 0)																																																																																																																																																																																																																																																																																																		
Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																		
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																																			
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																																																																			
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																																			
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																																			
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																																			
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																																			
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																																			
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																																																																																																			
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																																																																																																																			
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																																																																																																																			
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																																																																																																																			
119	320	219	160	Notice of Appeal																																																																																																																																																																																																																																																																																																			
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																			
121	280	221	140	Request for oral hearing																																																																																																																																																																																																																																																																																																			
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																			
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																			
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																																																																																																																																			
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																			
143	460	243	230	Design issue fee																																																																																																																																																																																																																																																																																																			
144	620	244	310	Plant issue fee																																																																																																																																																																																																																																																																																																			
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																			
123	50	123	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																																																																																																																																			
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																																			
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																			
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																																			
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																																			
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																			
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																			
Other fee (specify)																																																																																																																																																																																																																																																																																																							
SUBTOTAL (3)					(\$ 0)																																																																																																																																																																																																																																																																																																		

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	B. Delano Jordan	Registration No. Attorney/Agent)	43,698	Telephone	(202) 220-4200
Signature				Date	September 22, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DC01 #388034 v1